



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

59588-1

Date of issuance:

10/23

Term of Issuance:

Conditional

Name of Pesticide Product:

PGR plus

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Transagra International, Inc.
101 Hansen Road
Storm Lake, Iowa 50588

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Revise the EPA Registration Number to read, "EPA Reg. No. 59588-1".

3. Revise your Active Ingredient Statement to total 100% (i.e. inert ingredients should be 99.9997%), and place the statement "1.0036 x 10⁻⁴...ounce" between TOTAL and KEEP OUT OF REACH OF CHILDREN.

4. Add to your Precautionary Statements "Harmful if absorbed through skin" after the "Causes substantial, but...irritation" statement, and "Wear goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse", after the Avoid contact with skin statement.

5. Add the phrase "and restricted-entry interval" to the end of the sentence "It also contains...protective equipment (PPE)" under the heading Agricultural Use Requirements.

Signature of Approving Official

19/

Date

6. Move the block "Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application" directly behind the statement "It is a violation of Federal Law...labeling" under Directions For Use.

7. Delete the group Cucurbits from your labeling. The tolerance is for cucumber.

8. Submit one (1) copy of your final printed labeling before releasing your product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

(FRONT PANEL)

PGR plus

(Product Name:)

Plant stimulant and growth enhancer for increased yields, improved crop quality, greater root mass development and improved seedling vigor.

Net Contents:

EPA Reg. No. 59588-
EPA Est. No. 59588-1A-1

Active Ingredient: Cytokinin as Kinetin0.0003%,
or 1.003×10^{-4} grams of Kinetin per fluid ounce.
Inert Ingredients:99.0007%
TOTAL.....100.00%

KEEP OUT OF REACH OF CHILDREN

WARNING

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

AVISO

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: Causes substantial, but temporary eye irritation. Do not get in eyes or on clothing. Avoid contact with skin. Prolonged or frequent repeated skin contact may cause an allergic reaction in some individuals.

Personal Protective Equipment:

Applicators and handlers must wear:

Long-sleeved shirt and long pants
Waterproof gloves
Shoes plus socks
Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

(front panel continued)

STATEMENTS OF PRACTICAL TREATMENT: If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water. Do not induce vomiting or give anything by mouth to an unconscious person.
If in eyes: Hold eyelids open and flush with a gentle steady stream of water for 15 minutes. Call a physician.
If on skin: Wash with plenty of soap and water. Get medical attention.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

WARRANTY: TransAgra makes no warranty, expressed or implied, nor are its selling agents, dealers or distributors, authorized to do so on behalf of TransAgra, concerning use of this product, its merchantability, or fitness for a particular purpose, other than indicated on the label. Buyer assumes all the risks of use and/or handling of this material when such use and/or handling is contrary to label instructions. TransAgra shall not be liable for incidental or consequential damages.

Manufactured by: TransAgra International, Incorporated
Storm Lake, IA 50588

ACCEPTED
BY COMPANY
DATE: _____

20

59588-1

))
(PGR plus Back Panel all package sizes)

DIRECTIONS FOR USE:

) It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

) Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

SHAKE WELL BEFORE USING!

) PGR plus can be applied by either ground or aerial equipment. It can also be applied through irrigation systems. Do not apply during heat of the day, or under windy conditions.

Ground application: For each acre to be treated mix PGR plus at recommended rate per acre with 10-30 gallons of water, depending upon foliage density.

Aerial Application: For each acre to be treated mix PGR plus at recommended rate per acre with 3-10 gallons of water depending upon foliage density.

Mix PGR plus with clean water containing a non-ionic or blended wetting agent using the following procedure.

1. Fill tank half full with water and begin agitation.
2. Add surfactant and recommended amount of PGR plus and finish filling tank. During application, the product should be well agitated.
3. After each application equipment must be cleaned and flushed. Do not store PGR plus in sprayer.

CHEMIGATION: Refer to supplemental labeling entitled "Application of PGR plus via Chemigation" for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling in chemigation is followed.

FOLIAR TREATMENT, recommended rates per acre:

Beans: 8 fluid ounces 14-21 days after emergence and again at first bloom.

Corn: Apply 8 fluid ounces 12-24 inches high and again 14 days before tasseling.

Cotton: Apply 4 fluid ounces 14-21 days after emergence and 8 fluid ounces at pin square.

Cucurbits and Melons:

Apply 6 fluid ounces 28 days after emergence and 8 fluid ounces at first bloom.

Onions: Apply 6 fluid ounces when 6 inches high and at bulbing.

Oranges: Apply 10 fluid ounces at pre-bloom.

Peanuts: Apply 8 fluid ounces at pre-bloom.

Potatoes: Apply 8 fluid ounces when 4-6 inches high and again at first bloom.

Rice: Apply 8 fluid ounces at permanent flood and 14 days before booting.

Strawberries:

Apply 6 fluid ounces 21 days after transplanting, and 6 fluid ounces at flowering.

Sugar Beets: Apply 16 fluid ounces after thinning.

Tomatoes and Peppers:

Apply 4 fluid ounces 2 weeks after transplant and 6 fluid ounces at first bloom.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

PPE recommended for early entry to treated areas that involve contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, Waterproof gloves, Shoes plus socks, Protective eyewear.

Lawn Grass:

Apply 0.5 ounces (15 cc) mixed with 1 gallon (3.75 liters) of water will treat 1000 square feet. Apply with sprayer attached to hose.

House Plants:

Mix 5 drops with one quart of water and distribute evenly over soil surface. Apply whenever watering is necessary.

ROOT DIP TREATMENT:

Dilute one part PGR plus with 500 parts water. Soak for 30 seconds.

CONDITIONS FOR MAXIMUM RESPONSE:

Best crop production comes from a combination of a well-balanced nutritional and pest control program in conjunction with PGR plus usage. PGR plus is not considered a primary or secondary food source such as fertilizer and trace minerals. It is important to apply this product at the appropriate plant growth stage.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Store in a cool place, well sealed from air. This product is not harmed by freezing.

Wastes from this product, such as sprayer cleaning, may be disposed on site or at an approved waste disposal facility.

Triple rinse container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and Local Authorities, by burning. If burned, stay out of smoke.

(Chemigation Statements for labeling of 1 gal., 5 gal., and 55 gal. container sizes.)

Application of PRG plus via Chemigation

Apply this product only through one of the following types of systems: sprinkler (wheel) roll, traveler, big gun, solid set, or hand move; irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

LABEL STATEMENT FOR CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

7 10

(Chemigation Statements for labeling of 1 gal., 5 gal., and 55 gal. container sizes. Page 2)

The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

LABEL STATEMENT FOR SPRINKLER CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

(Chemigation Statements for labeling of 1 gal., 5 gal., and 55 gal. container sizes. Page 3)

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for the treatment.